

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DK2004/000734

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7	C12N9/24	C12N15/56	C12N15/62	C11D3/386	A21D2/26
	C12P7/08	C12P19/00	C07K17/02	C07K1/14	
	//(C12N9/24, C12R1:80)				

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C11D A21D C12P C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, Sequence Search, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	LEVY I ET AL: "Cellulose-binding domains - Biotechnological applications" BIOTECHNOLOGY ADVANCES, ELSEVIER PUBLISHING, BARKING, GB, vol. 20, no. 3-4, November 2002 (2002-11), pages 191-213, XP004392778 ISSN: 0734-9750 cited in the application the whole document ----- WO 03/000941 A (WU WENPING ; LANDVIK SARA (DK); LANGE LENE (DK); NOVOZYMES AS (DK); AU) 3 January 2003 (2003-01-03) abstract; sequences 65,66 page 54 - page 59 ----- -/-	1-28
A		1-28

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

20 January 2005

Date of mailing of the international search report

21/02/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	COUTINHO P M ET AL: "Carbohydrate-active enzymes: An integrated database approach" ROYAL SOCIETY OF CHEMISTRY SPECIAL PUBLICATION. RECENT ADVANCES IN CARBOHYDRATE BIOENGINEERING, 1999, pages 3-12, XP008041544 CAMBRIDGE, UK ISSN: 0-85404-774-3 3RD CARBOHYDRATE BIOENGINEERING MEETING; NEWCASTLE UPON TYNE, ENGLAND, UK; APRIL 11-14, 1999 the whole document -----	1
A	BOURNE Y ET AL: "Glycoside hydrolases and glycosyltransferases: families and functional modules." CURRENT OPINION IN STRUCTURAL BIOLOGY. OCT 2001, vol. 11, no. 5, October 2001 (2001-10), pages 593-600, XP002314159 ISSN: 0959-440X the whole document -----	1
A	BLUME J E ET AL: "A Dictyostelium discoideum cellulase is a member of a spore germination-specific gene family." THE JOURNAL OF BIOLOGICAL CHEMISTRY. 15 AUG 1991, vol. 266, no. 23, 15 August 1991 (1991-08-15), pages 15432-15437, XP002314160 ISSN: 0021-9258 abstract; figure 1 page 15436, column 2, paragraph 1 -----	1
A	WO 03/044049 A (HANSEN MOGENS TRIER ; SEGURA DOROTEA RAVENTOS (DK); NOVOZYMES AS (DK);) 30 May 2003 (2003-05-30) abstract; claim 1 -----	2,7

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## Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
  - a. type of material
    - a sequence listing
    - table(s) related to the sequence listing
  - b. format of material
    - in written format
    - in computer readable form
  - c. time of filing/furnishing
    - contained in the international application as filed
    - filed together with the international application in computer readable form
    - furnished subsequently to this Authority for the purpose of search
2.  In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 03000941	A 03-01-2003	WO 03000941 A2		03-01-2003
		EP 1421224 A2		26-05-2004
		US 2004197890 A1		07-10-2004
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WO 03044049	A 30-05-2003	BR 0214302 A		26-10-2004
		CA 2467927 A1		30-05-2003
		WO 03044049 A1		30-05-2003
		EP 1448595 A1		25-08-2004
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